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ABSTRACT

This document is a bibliography of bibliographies related to marine education. Its purpose is to help reduce time spent by teachers in finding innovative classroom materials. The basic criterion for inclusion in this work is that the citation must include at least two marine educationally-oriented documents or films. These inclusions do not necessarily have to be science related. The citations have been divided into two sections: (1) bibliographies of films, and (2) bibliographies of books and other materials. A short description of the bibliographies is usually included to indicate the kinds of materials that are included in each. No mention is made of educational level of materials. However, sufficient information is given for obtaining the bibliographies cited. (MR)

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A BIBLIOGRAPHY OF MARINE EDUCATION BIBLIOGRAPHIES FOR ALL EDUCATIONAL LEVELS

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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ABSTRACT

Bibliographies are listed under the headings of "films" and "texts and other materials." Each entry includes an annotation and the source from which the listing may be obtained. There are eight film bibliographies and 33 text and other materials bibliographies listed.

Introduction

Probably, one of the greatest difficulties classroom teachers normally encounter is that of locating suitable materials for use with their students. The reasons are many. The teacher is normally busy from the moment he/she enters the school in the morning until the day has ended. Once the day is over, administrative tasks and preparation for the next day must be discharged. Precious little time remains to seek out innovative classroom materials. The best place to find sources is usually a university library. Even if a library of this type is close, the time required for the task is great. These were some of the concerns voiced by the inservice teachers at the National Marine Education Conference, October 26-29, 1976, Monterey, California; the State of Maine Marine Education Conference, December 10,1976, University of Maine, Orono and; State of New Hampshire Marine Education Conference, March 22, 1977, University of New Hampshere, Durham.

The bibliography was developed in an attempt to help ease this situation. While the authors realize it is not an end all it is a beginning. It is a point of departure for those whom are sincerely interested in providing there students with a marine experience. It is not a source which will probably stimulate more work than it ends.

The basic criterion for inclusion in this work was that the citation must include, in its pages, at least two marine educationally oriented documents. These inclusions did not necessarily have to be science related; however, they did have to be marine related.

The citations have been divided into two sections. Section one includes bibliographies of films while section two contains bibliographies of texts and other materials. Whenever possible, the entries were made alphabetically according to author. In cases where an author was not available, the producing institution was used as the author, and the citation included in the normal alphabetical sequence. In all cases, a source of procurement was included with each citation. In some cases, the reader will note that a brief annotation follows the cite.

Many of these bibliographies were collected as a result of a mini-grant from the desgressionary account of the University of Maine Sea Grant. The work resulting in the collection of these bibliographies was not accomplished specifically for this purpose but rather their collection was a spinoff of another project. However, the production of this work would not have been possible without the aid of the National Sea Grant Program, National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

Films

1. Florida Cooperative Extension Service, Motion picture films. Motion Picture Service, G044 McCarty Hall, University of Florida, IFAS, Gainsville, Fl. 32611.

   The bibliography lists 70 films. A brief annotation is provided for each entry.

2. International Film Bureau Inc., Science a catalog of 16mm films and filmstrips. International Film Bureau Inc., 322 South Michigan Avenue, Chicago, Illinois 60604.

   This is a compilation of 208 16mm films, 8mm film loops and 35mm film strips. A brief annotation is provided with each entry. Each entry also includes running time sale price and rental price. Several marine education films are included in the collection.

3. National Oceanic and Atmospheric Administration, Motion picture films. Motion Picture Service, Department of Commerce - NOAA, 12231 Wilkins Avenue, Rockville, Maryland, 20852.

   The bibliography lists 52 marine education films, all available without rental fee. Each entry includes running time and a brief bibliography.

4. Ring, P.D., Marine related films. University of Maine Film Rental Library, Shibles Hall, University of Maine, Orono, Maine 04473.

   One hundred and eleven marine education films are included in this collection. Each entry includes running time, applicable age range, rental fee and an annotation.

5. United States Coast Guard, Catalog of United States Coast Guard Films (CG-386). Department of Transportation, U.S. Coast Guard, Washington, D.C. 20591.

   All of the films listed in this bibliography are available free of rental fee and all are 16mm. The bibliography includes 33 entries. A brief annotation is provided with each entry. In addition, running time and release date are included with each entry.

6. University of Wisconsin, Sea grant college program publications and films. The University of Wisconsin Sea Grant College Program, 1800 University Avenue, Madison, Wisconsin 53706.

   The listing includes two films and two radio programs and an associated annotation for each. In addition, the bibliography includes listings of technical reports, reprints, advisory reports, and public information reports. When there are costs or fees, they are included with each entry.

7. Ward's, Inhabitants of the planet earth. Ward's Natural Science Establishment, Inc., Modern Learning Aids Division, P.O. Box 1712, Rochester, New York 14306.

The bibliography includes 11 entries. All entries are 16mm and for sale, not rent. All of these films are science oriented. Purchase prices as well as annotations are included with each entry.

8. Weeks, T. & Levitan, B., Annoted list of films for use in coastal and oceanic studies. Project Coast, University of Delaware Office of Sea Grant, Newark, Delaware.

The bibliography includes 134 entries all of which are marine education films. The majority of entries include an evaluation of technical quality, treatment of subject matter, and overall value as a marine education vehicle. In many cases levels of applicabilities, running time, release dates, and annotations are included. Also, the agency from whom the films are listed by alphabetically and by topic.

Texts and other Materials

1. Academic Press, Biological Sciences. Academic press, Inc., 111 Fifth Avenue, New York, N.Y. 10003.

The publication lists several hundred publications, many in the marine sciences. A brief annotation is included with each entry. Purchase prices are included for each entry as well as Library of Congress catalog number. Biological Sciences is available free of charge from the publisher.

2. Coastal Engineering Research Center, Coastal Engineering Research Center (CERC) and Beach Erosion Board (BEB) Publications List. U.S. Army, Corps of Engineers Coastal Engineering Center, Kingman Building, Fort Belvoir, Va. 22060.

The bibliography list several hundred marine environmentally related works. The publication dates and method of procurement are included for each entry.

3. Diaber, F.C., Tidal marsh bibliography.

This partially annotated 320 page bibliography lists publications according to a key word index. There are 61 key word categories.

4. Department of the Interior, Selected references on geological oceanography and related topics. United States Department of the Interior. Geological Survey, Reston, Virginia 22092.

   Thirty-one texts are included in this listing. Some of the entries include intended levels of use.

5. Department of Marine Resources, List of Publications and Contributions. Department of Marine Resources, State of Maine Office Building, Augusta, Maine.

   Several dozen publications are listed in this bibliography according to a key word index. The listings are primarily science oriented. The bibliography may be obtained free of charge by writing to the address provided above.

6. Food and Agricultural Organization of the United Nations, FAO Books in print 1976-1977. Unipub, Box 433, Murray Hill Station, New York, N.Y. 10016.

   This 87 page bibliography is available free upon request. The publication includes a subject matter index. Many useful marine publications are included, most of which are international in scope.

7. Food and Agricultural Organization of the United Nations, Marine Science, Unipub, Box 433, Murrat Hill Station, New York, N.Y. 10016

   The bibliography lists several dozen marine education texts. Some are quantitative while others are qualitative in nature.

8. Forbes, L., Oceanography in Print, Town of Falmouth, Ma. Public Schools.

   The document includes texts, articles, and periodicals. The texts are listed by ability levels. This publication was developed as part of title III Public Law 89-10 ESEA Project.

9. Hofman, H.M., A selected bibliography of popular literature on marine mammals. Marine Mammal Commission, 1625 Eye Street, N.W. Washington, D.C. 20006.

   The bibliography includes entries from texts and journals. The following animal categories are included; dolphins, manatees, marine mammals, polar bears, porpoise, sea otters, seals, whales, and whaling. All entries are graded according to their level of usefulness. The collection spans the levels from the primary ages to adulthood.

10. Library of Congress, Childrens books. Superintendent of documents, U.S. Government Printing Office, Washington, D.C. 20402.

This publication includes several dozen entries, all of which are grade leveled. Some of the entries are useful in the marine education field, all entries include a brief annotation.

11. Louisiana State University, Publications. Office of Sea Grant Development, Center for Wetland Resources, Louisiana State University, Baton Rouge, Louisiana 70803.

The document includes 28 marine scientifically oriented publications, most of which were produced as a result of Louisiana State University Sea Grant effort. A brief annotation is provided with each listing. The publication date is December 1975.

12. Massachusetts Institute of Technology, Sea grant publications 1975. Sea Grant Information Center, MIT Sea Grant Program, Room 5-331, Massachusetts Avenue, Cambridge, Ma. 02139.

Twenty-five entries are included in this listing. An annotation is included for each entry as well as the publication date.

13. Massachusetts Institute of Technology, Sea grant publications 1976. Sea Grant Information Center, MIT Sea Grant Program, Room 5-331, Massachusetts Avenue, Cambridge, Ma. 02139.

This publication contains 20 entries and their associated annotations. All of the entries were produced as a result of the MIT Sea Grant effort.

14. New England Marine Advisory Service, Sea grant publications for the fishing industry. New England Marine Advisory Service, Ira Darling Center, Walpole, Maine.

This bibliography contains 93 entries. Each entry includes a brief annotation. The publication includes an index, ordering information for each entry and price of individual entries. The publication is available free upon request.

15. Scripps Institution of Oceanography, Oceanography reading suggestions. Scripps Institution of Oceanography, University of California, La Jolla, California 92093.

The entries in this bibliography are categorized under the following headings: (a) books for the young reader, (b) for the young adult and general reader, (c) expeditions and history, (d) careers in the ocean sciences, (e) popular and semi-technical periodicals, (f) film catelogs, (g) technical and semi-technical books, (h) law of the sea, (i) technical journal, (j) charts and atlases, (k) miscellaneous.

16. Scripps Institution of Oceanography, Sharks. May be obtained from the address given in the previous entry.

The publication contains 27 entries. A brief annotation is included with each entry.

17. Scripps Institution of Oceanography, Selected references on submarine geology and underwater exploration, photography and archeologes. May be obtained from the address given above.

18. Scripps Institution of Oceanography, Marine communication. May be obtained from the address given above.

This is a list of 17 articles and texts on the subject of marine communication.

19. Scripps Institution of Oceanography, References on coral and coral reefs. May be obtained from the address given above.

This is a list of 26 books and articles on the subject.

20. Scripps Institution of Oceanography, Some references on underwater habitat. May be obtained from the address given above.

This listing contains several pages of popular and technical literature on the subject of underwater habitats.

21. Scripps Institution of Oceanography, Seaweed bibliography. May be obtained from the address given above.

This bibliography includes 28 citations on the subject.

22. Scripps Institution of Oceanography, Dolphins and porpoises. May be obtained from the address given above.

This is a listing of 10 text books and 14 articles on dolphins and porpoises.

23. Scripps Institution of Oceanography, Suggested elementary books. May be obtained from the address given above.

This is a list of 23 books for elementary school children. Each entry is grade leveled.

24. United States Department of the Navy, Selected readings in the marine sciences. U.S. Naval Oceanographic Office, Washington, D.C. 20390.

This is a 32 page bibliography of marine related documents. The entries are categorized as, (1) oceanography, (2) marine biology, (3) marine geology, (4) miscellaneous, (5) diving, (6) government publications. Each entry is assigned one of the following three interest levels, (1) juvenile, (2) adult, (3) technical.

25. University of Alaska. Alaska sea grant program publications catalog. U. of Alaska, Office of Sea Grant, Fairbanks, Alaska 99701.

This 11 page bibliography includes publications resulting from University of Alaska Sea Grant efforts during 1970 and 1976.

26. University of California, Marine education bibliography (Sea Grant Marine Advisory Publication Leaflet 2784). Extension Wildlife and Sea Grant, University of California, Davis, California 95616.

This 15 page bibliography has its entries inserted under the following categories, (1) algae, (2) environment and biology, (3) marine birds, (4) fish and fisheries, (4) invertebrates and seashore life, (5) marine mamnals, (6) oceanography, (7) scuba diving, (8) miscellaneous.

27. University of Delaware. Marine publications. Communication Office, College of Marine Studies, University of Delaware, Newark, De. 19711.

Entries in this 42 page pamphlet are included under the following headings, (1) non-technical publications, (2) artifical industrial islands, (3) chitin, (4) coastal zone management, (5) conference proceedings, (6) Delaware Bay report series, (7) environmental studies, (8) fisheries economics, (9) mariculture, (10) marine affairs, (11) marine biology, (12) marine education, (13) marine geology, (14) ocean engineering, (15) physical oceanography, (16) remote sensing. The pamphlet includes a table of contents and author index.

28. University of Delaware. Childrens books about the marine environment. Marine Environment Curriculum Study, College of Marine Studies, University of Delaware, Newark, Delaware 19711.

The nine page bibliography contains books applicable for grades 1-8. Each entry is coded as applicable to grades 1-4 or grades 5-8.

29. University of Delaware. Annotated list of children's books about the marine environment. May be obtained from the address given above.

This is a 22 page bibliography. Each entry is grade leveled and includes a brief annotation.

30. University of Oregon, Reading in marine science. Department of Oceanography, Oregon State University, Corvallis, Oregon.

This is a partially annotated list designed to assist the nonprofessional reader and teacher in the field of marine science. The entries were classified as follows, (1) general references, (2) history and exploration, (3) biological oceanography, (4) chemical oceanography, (5) geological oceanography, (6) physical oceanography.

31. University of Rhode Island, A bibliography of elementary and secondary marine science curriculum projects and educational materials (University of Rhode Island Marine Bulletin Series No.15). NEMRIP Sea Grant, University of Rhode Island, Kingston, R.I.

This 23 page bibliography is an annoted review of marine science curriculum projects and educational materials. It includes 40 publishers, industries, school systems and government agencies with publications in the marine area. It includes entries from 14 states and the District of Columbia as well as subject matter for both elementary and secondary students.

32. University of Washington, Washington sea grant publications. Washington Sea Grant Communications, 3716 Brooklyn Ave. N.E., HG-30, Seattle, Washington 98195.

The document lists publications resulting from the University of Washington Sea Grant Program effort during 1975-76. Entries are made in the following categories, (1) public policy and the marine environment, (2) for the mariner, (3) commercial fishing, (4) shellfish harvesting and processing, (5) aquaculture, (6) assessment of fishery resources, (7) oceanography, (8) audio-visual, (9) seafood preparation. Each entry includes a brief annotation.

33. Wometco Miami Seaquarium, Books and articles about the sea. Wometco Miami Seaquarium, Rickenbacker Causeway, Miami, Fla. 33149.

This 31 page bibliography contains listings of books, articles and periodicals.